

## ABSTRACT

A burst generator includes a structure for placing at least a portion of a liquid into a tension state, the tension state being below a cavitation threshold of the liquid. The tension state imparts stored mechanical energy into the liquid portion. A structure for cavitating provides energy to the liquid portion sufficient to bubble  
5 nucleate at least one bubble having a bubble radius greater than a critical bubble radius of the liquid, formation of the bubble releasing at least a portion of the energy which is stored in the tension state.

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